

Title (en)

APPARATUS FOR PRINTING USING A PLURALITY OF PRINTING CARTRIDGES

Title (de)

VORRICHTUNG ZUM DRUCKEN MIT MEHREREN DRUCKERPATRONEN

Title (fr)

APPAREIL D'IMPRESSION FAISANT INTERVENIR UNE PLURALITÉ DE CARTOUCHES D'IMPRESSION

Publication

**EP 2021182 A4 20090722 (EN)**

Application

**EP 07763342 A 20070205**

Priority

- US 2007003238 W 20070205
- US 76535306 P 20060203
- US 70180207 A 20070202

Abstract (en)

[origin: WO2007092488A2] An apparatus that comprises a plurality of printing cartridges to reproduce an image, wherein each printing cartridge prints a portion of the image onto a substrate. The apparatus further comprises a media transport for moving the substrate parallel to a first dimension. The printing cartridges are disposed on a carrier in a two dimensional pattern such that the plurality of printing cartridges are able to print on the substrate a line that is perpendicular to the first dimension. Fewer than half of the plurality printing cartridges that print segments of the line that abut each other are adjacent to each other along the first dimension.

IPC 8 full level

**B41J 2/21** (2006.01)

CPC (source: EP US)

**B41J 2/155** (2013.01 - EP US); **B41J 2/16552** (2013.01 - EP US); **B41J 2/17509** (2013.01 - EP US); **B41J 2/185** (2013.01 - EP US); **B41J 2202/20** (2013.01 - EP US)

Citation (search report)

- [X] EP 0677387 A2 19951018 - CANON KK [JP]
- [X] US 2005128229 A1 20050616 - SHIBATA TSUYOSHI [JP], et al
- [X] US 2005140722 A1 20050630 - SHIBATA TSUYOSHI [JP], et al
- [X] US 2004160477 A1 20040819 - KHALID NAJEEB [CA]
- [X] US 2005012780 A1 20050120 - GIL ANTONI [ES]
- [PA] US 2006170732 A1 20060803 - YAMADA TAKAHISA [JP]
- See references of WO 2007092488A2

Cited by

WO2019074486A1; WO2019212520A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007092488 A2 20070816; WO 2007092488 A3 20081231**; AT E516961 T1 20110815; CN 101437687 A 20090520; CN 101437687 B 20111026; EP 2021182 A2 20090211; EP 2021182 A4 20090722; EP 2021182 B1 20110720; JP 2009525210 A 20090709; JP 5108790 B2 20121226; US 2007200895 A1 20070830; US 7771010 B2 20100810

DOCDB simple family (application)

**US 2007003238 W 20070205**; AT 07763342 T 20070205; CN 200780004469 A 20070205; EP 07763342 A 20070205; JP 2008553425 A 20070205; US 70180207 A 20070202